

ER Site No. 22: Storage/Burn (West of Directed Energy Experimental Range {DEER})

ADS: 1334

Operable Unit: Central Coyote Test Area

Site History	1
Constituents of Concern.....	2
Current Hazards	2
Current Status of Work	2
Future Work Planned	2
Waste Volume Estimated/Generated	2

Primary Contact: [Dick Fate](#)

Office Phone: 284-2568

Site History

ER Site 22 was a fenced area approximately 50-ft by 50-ft square. The cyclone fencing was in poor repair and did not have any signs or placards affixed to it. The area inside the fence contained one empty, open-topped 55-gal drum, several wooden pallets, charcoal, and scraps of fiberboard. The drum had apparently been used as a fire barrel. The pallets showed evidence of burning and charcoal pieces were scattered on the southern side of the fenced area. No burn pit was evident at the SWMU (Solid Waste Management Unit). A utility right-of-way with overhead power lines and a fiber-optic cable crosses the southwest corner of the SWMU.

The layout and materials found at this SWMU indicate it was probably a temporary storage or staging area. The lack of any documentation and information on site activities from record searches and worker interviews prevented determination of the nature of the SWMU and possible waste materials.

Aerial photographs did not show any man-made features for this area in 1971. A road was evident in a 1975 photo and a single utility pole was adjacent to the site in a 1983 photo suggesting that this site may have been associated with power line installation to the nearby Starfire Optical Range.

Previous Investigations - ER Site 22 was first listed as a potential release site based on the Comprehensive Environmental Assessment and Response Program (CEARP) interviews, which identified the SWMU as an area containing one 55-gallon (gal) drum, several wood pallets, and evidence of past burning. The regulatory disposition of the SWMU was uncertain because of a lack of knowledge of the activities conducted or of the use of hazardous waste or constituents at the SWMU. Insufficient information also prevented calculating a Hazard Ranking System score for the SWMU.

Subsequent to the CEARP inspection, the U.S. Environmental Protection Agency (EPA) conducted a Resource Conservation and Recovery Act (RCRA) Facility Assessment (RFA). In

the RFA report, this SWMU is relabeled a burn pit, although no burn pit could be found. The report also mistakenly describes the single 55-gal drum identified in the CEARP investigation as several 55-gal drums, and correctly identifies the wooden pallets. The report doesn't include any information on possible waste streams and concludes that the potential for release is unknown because the materials handled at the site are unknown.

This SWMU had been scheduled for supplementary reconnaissance sampling under the CEARP, but it appears this sampling was never performed as no analytical data have been identified. Sandia National Laboratories / New Mexico (SNL/NM) prepared a Sampling and Analysis Plan and conducted limited soil sampling in 1994. No evidence of contamination was found.

In January 1994 KAFB Explosive Ordnance Disposal conducted a surface unexploded ordnance (UXO) and high explosive (HE) survey at the site. No live UXO/HE or UXO/HE debris was found.

In February 1994, RUST Geotech Inc. conducted a surface gamma radiation survey at the site. No readings above the natural background of 10 to 13 microroentgens per hour were observed.

Constituents of Concern

None

Current Hazards

There are no current hazards at this site related to contamination of the surface or subsurface soils.

Current Status of Work

A No Further Action (NFA) Proposal was submitted in May 1995 to New Mexico Environmental Department (NMED). Notice of Deficiency (NOD) comments were addressed in January 1997. NMED accepted Site 22 NFA petition in October 1999. The NFA was approved by NMED on July 2000 after completing the public review and permit modification process.

Future Work Planned

No further work is planned.

Waste Volume Estimated/Generated

The fencing, 55-gallon drum, wood pallets and fiberboard pieces were disposed of as nonhazardous waste in December 1996.

Information for ER Site 22 was last updated Jul 23, 2001.